

8 7 6 5 4 3 2 1

D

D

C

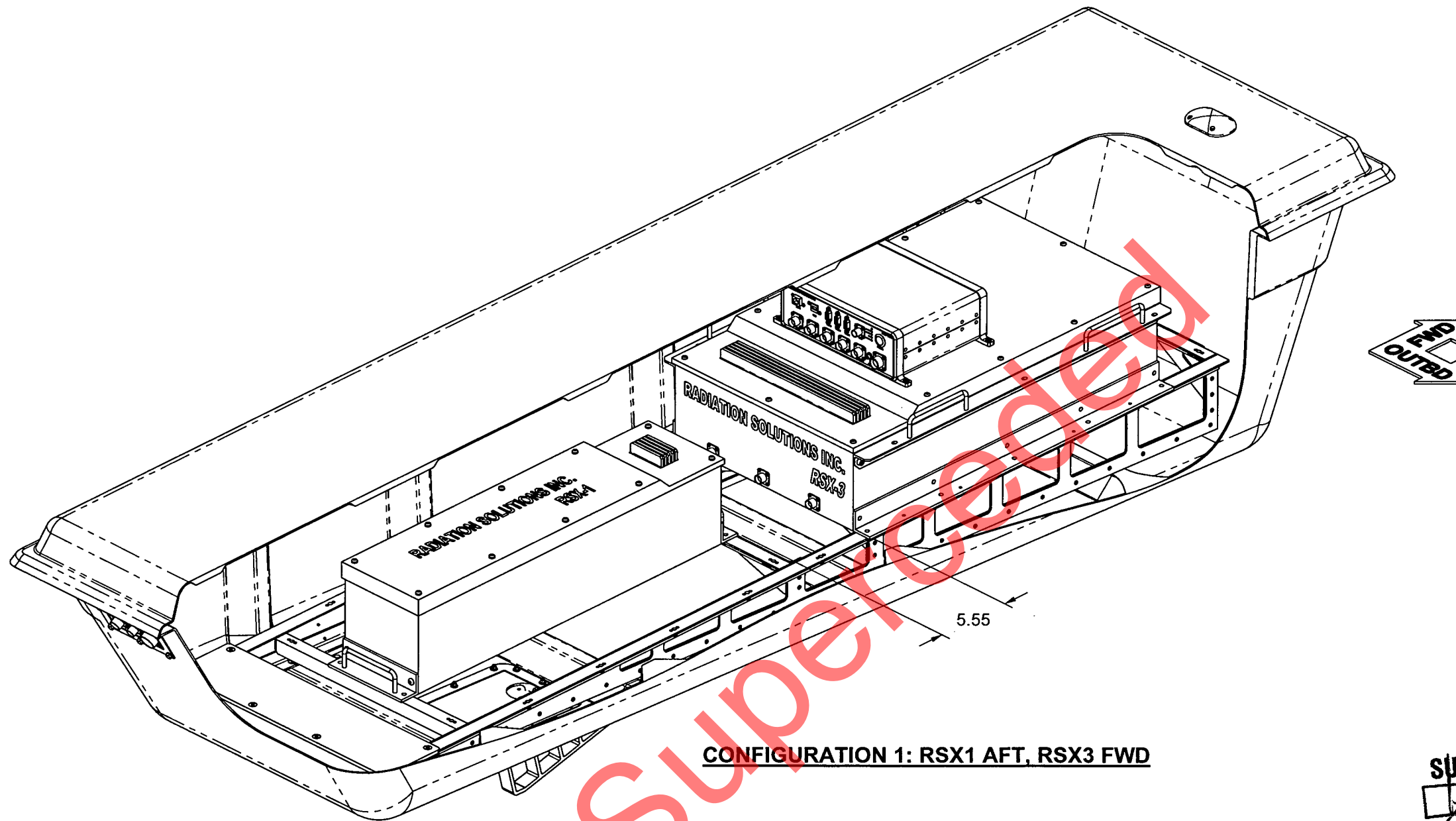
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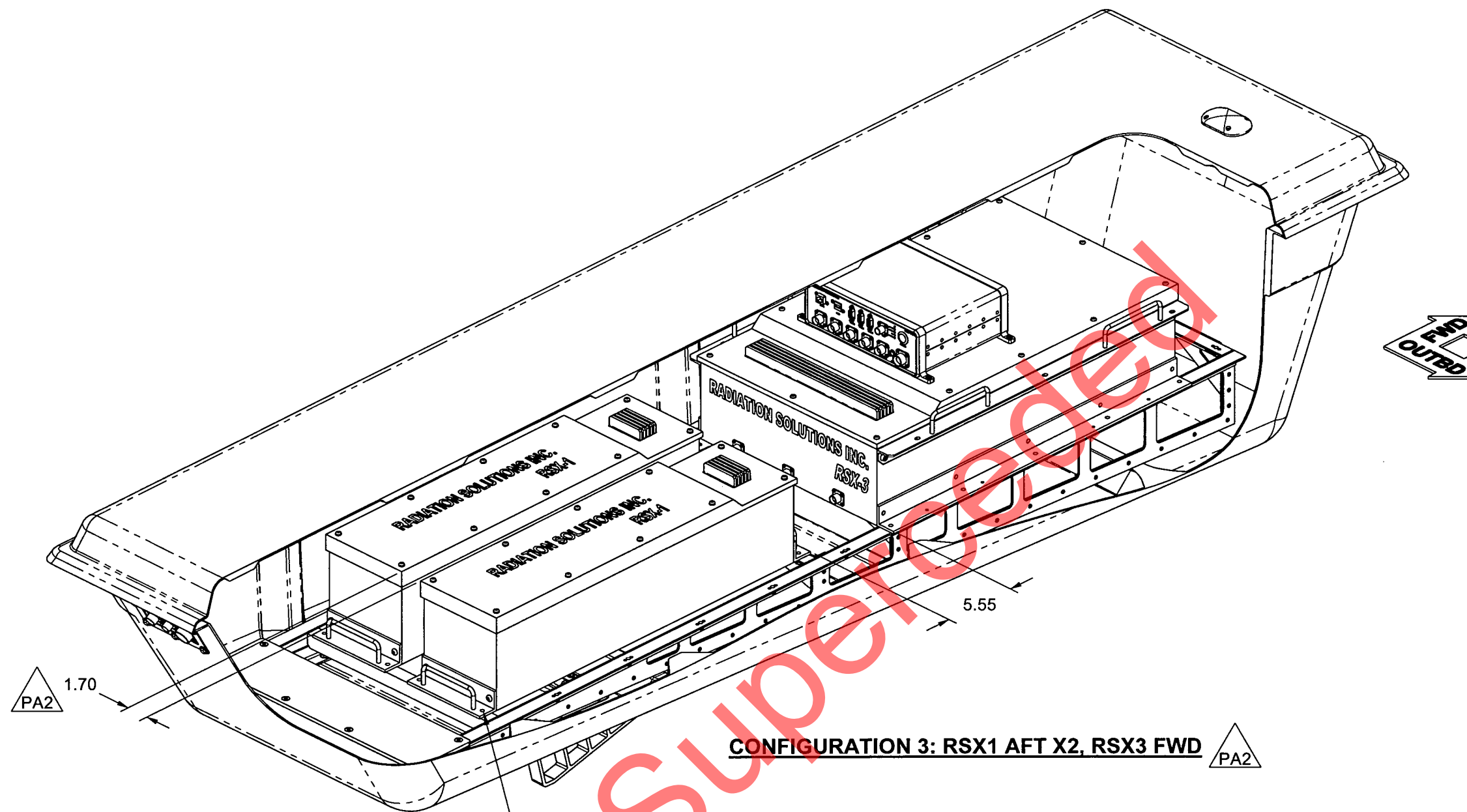


**CONFIGURATION 1: RSX1 AFT, RSX3 FWD**

**SUPERCEDED BY**  
10.08.29  
See DWG  
D212-805 REV.A

|            |   |   |              |
|------------|---|---|--------------|
| PA2        | ELIMINATED SUPERFLUOUS CROSSBARS; MOVED RSX-1/3 FURTHER FORWARD ON CONFIGURATION 2; ADDED PROVISION TO MOUNT 2 RSX-1 SIDE BY SIDE (SEE CONFIGURATION 3); MOVED CONNECTOR PLATE AFT; ADDED 3RD CONNECTOR TO CONNECTOR PLATE; VERIFIED CLEARANCE REQUIRED FOR RADALT CABLE ROUTING; ADDED CROSS BRACES. | MB  | 10.08.30     |
| PA1        | CONCEPTUAL PROPOSAL   | MB  | 10.08.14     |
| REV.       | DESCRIPTION   | BY  | DATE         |
| DESIGN     |   | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA  |              |
| DRAWN      |   |   |              |
| CHECKED    |   | DRAWING NO.   | REV. PA2     |
| MFG. APPR. |   | DSK 128   | SHEET 1 OF 6 |
| APPROVED   |   | TITLE   | SCALE        |
| DE APPR.   |   | D212-601 POD FRAME  | NTS          |
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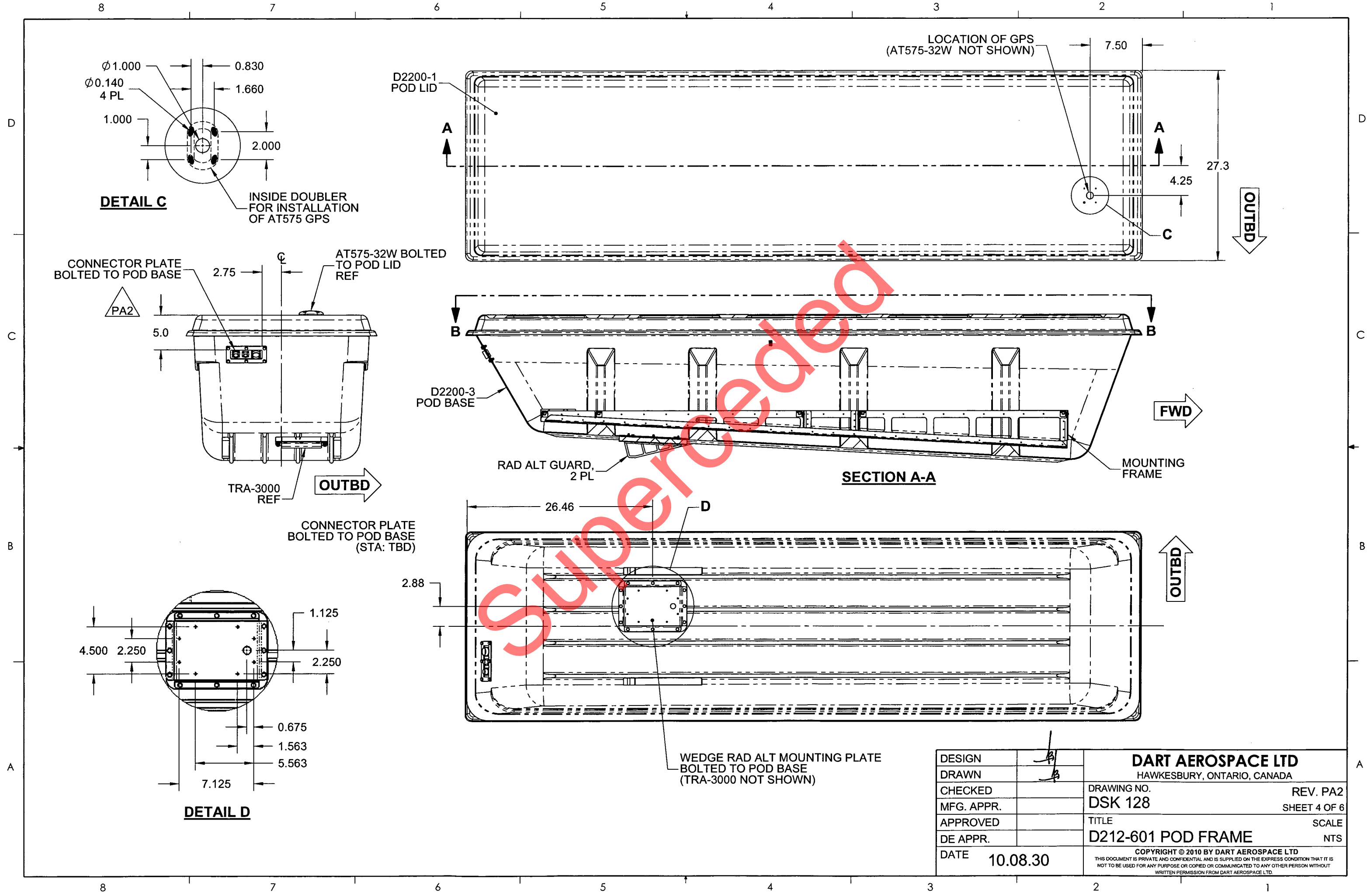
### **CONFIGURATION 3: RSX1 AFT X2, RSX3 FWD**

CAN'T ACCOMODATE FOR 4 EQUALLY SPACED MOUNTING HOLES SINCE THE AXIS OF THE HOLES FARTEST FROM THE LONGITUDINAL CENTERLINE OF THE POD COINCIDE WITH THE FLANGE OF THE Z-SHAPE MOUNTING FRAME. THEREFORE:

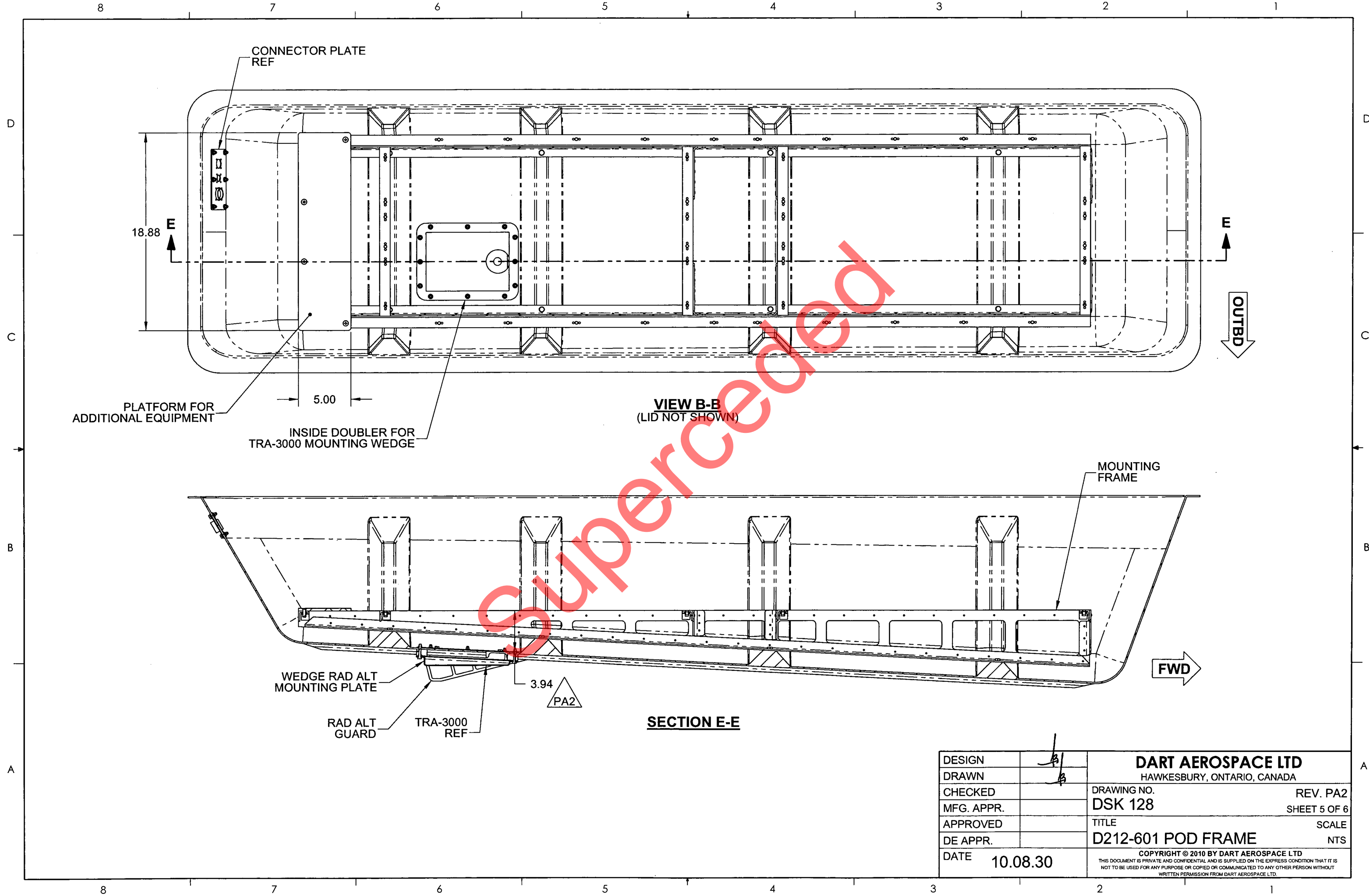
- HOLES 2 AND 5 WILL BE USED TO LOCATE AND MOUNT A SINGLE RSX-1 UNIT IN THE MIDDLE OF THE POD;
- HOLES 1, 3, 4, AND 6 WILL BE USED TO LOCATE AND MOUNT TWO RSX-1 UNITS.

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|------------|----------|---|--------------|
| DESIGN     |          | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA  |              |
| DRAWN      |          |   |              |
| CHECKED    |          | DRAWING NO.   | REV. PA2     |
| MFG. APPR. |          | DSK 128   | SHEET 3 OF 6 |
| APPROVED   |          | TITLE   | SCALE        |
| DE APPR.   |          | D212-601 POD FRAME  | NTS          |
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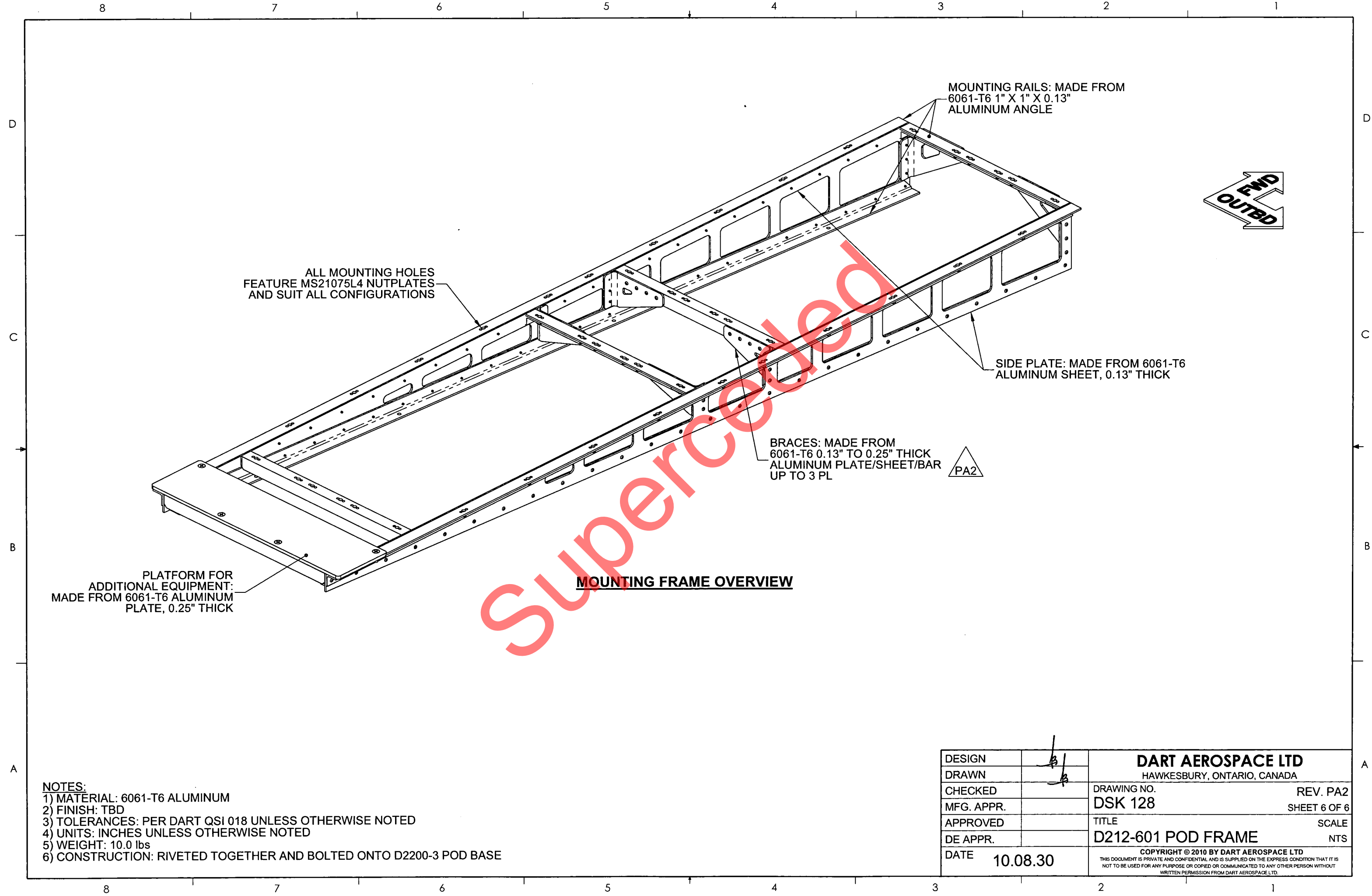


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|------------|----------|---|--------------|
| DESIGN     |          | <b>DART AEROSPACE LTD</b>   |              |
| DRAWN      |          | HAWKESBURY, ONTARIO, CANADA   |              |
| CHECKED    |          | DRAWING NO.   | REV. PA2     |
| MFG. APPR. |          | <b>DSK 128</b>  | SHEET 4 OF 6 |
| APPROVED   |          | TITLE   | SCALE        |
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|            |          |  |              |
|------------|----------|--|--------------|
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| DRAWN      |          | HAWKESBURY, ONTARIO, CANADA  |              |
| CHECKED    |          | DRAWING NO.  | REV. PA2     |
| MFG. APPR. |          | <b>DSK 128</b>   | SHEET 5 OF 6 |
| APPROVED   |          | TITLE  | SCALE        |
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ALL MOUNTING HOLES  
FEATURE MS21075L4 NUTPLATES  
AND SUIT ALL CONFIGURATIONS

MOUNTING RAILS: MADE FROM  
6061-T6 1" X 1" X 0.13"  
ALUMINUM ANGLE

SIDE PLATE: MADE FROM 6061-T6  
ALUMINUM SHEET, 0.13" THICK

BRACES: MADE FROM  
6061-T6 0.13" TO 0.25" THICK  
ALUMINUM PLATE/SHEET/BAR  
UP TO 3 PL

PA2

PLATFORM FOR  
ADDITIONAL EQUIPMENT:  
MADE FROM 6061-T6 ALUMINUM  
PLATE, 0.25" THICK

**MOUNTING FRAME OVERVIEW**

- NOTES:
- 1) MATERIAL: 6061-T6 ALUMINUM
  - 2) FINISH: TBD
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) WEIGHT: 10.0 lbs
  - 6) CONSTRUCTION: RIVETED TOGETHER AND BOLTED ONTO D2200-3 POD BASE

|            |          |   |              |
|------------|----------|---|--------------|
| DESIGN     |          | <b>DART AEROSPACE LTD</b>   |              |
| DRAWN      |          | HAWKESBURY, ONTARIO, CANADA   |              |
| CHECKED    |          | DRAWING NO.   | REV. PA2     |
| MFG. APPR. |          | <b>DSK 128</b>  | SHEET 6 OF 6 |
| APPROVED   |          | TITLE   | SCALE        |
| DE APPR.   |          | <b>D212-601 POD FRAME</b>   | NTS          |
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